

2008-06-10 3691-0132PUS1
SEQUENCE LISTING

<110> SODE, Koji
IKEBURKURO, Kazunori

<120> METHOD FOR DETECTING TARGET MOLECULE USING APTAMER

<130> 3691-0132PUS1

<140> US 10/580,044
<141> 2006-05-19

<150> PCT/JP2004/017665
<151> 2004-11-22

<150> JP 2003-431323
<151> 2003-11-22

<160> 11

<170> PatentIn version 3.1

<210> 1
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> experimental model for verifying assay system: Synthetic
Thrombin aptamer

<400> 1
cactggtagg ttggtgtggt tggggccagt g 31

<210> 2
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
<223> experimental model for verifying assay system: Synthetic
Thrombin-inva aptamer

<400> 2
cactggtagg ttggtgtggt tggggccagt gggcatcaat actcatctgt ttaccggg 58

<210> 3
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> experimental model for verifying assay system: Synthetic
target DNA derived from Salmonella invA gene

<400> 3
cccggtaaag agatgagtat tgatgcc 27

<210> 4
<211> 27
<212> DNA
<213> Artificial Sequence

<220>

<223> experimental model for verifying assay system: Synthetic control DNA used in detection of Salmonella invA gene

<400> 4
gaatccggta ctggctaaga caactgt 27

<210> 5
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
<223> experimental model for verifying assay system: Synthetic Thrombin-SARS aptamer

<400> 5
cactggtagg ttggtgtggt tggacgacga attcatgatc acgtccttgg ggccagtg 58

<210> 6
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> experimental model for verifying assay system: Synthetic target DNA derived from SARS virus gene

<400> 6
tgatcatgaa ttcgt 15

<210> 7
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> experimental model for verifying assay system: Synthetic control DNA used in the detection of SARS virus gene

<400> 7
attgctatcg tacat 15

<210> 8
<211> 56
<212> DNA
<213> Artificial Sequence

<220>
<223> experimental model for verifying assay system: Synthetic Thrombin-ATP aptamer

<400> 8
cactggtagg ttggtgtggt tctgggggag tattgcggag gaagtgtggg ccagtg 56

<210> 9
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> experimental model for verifying assay system: Synthetic Thrombin-inva- 3'5' aptamer

<400> 9
 actcatctgt ttaccgggca ctggtagggt ggtgtggtg gggccagtgc ttcaaacgg 60
 catcaat 67

<210> 10
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> experimental model for verifying assay system: Synthetic
 target nucleotide sequence InvADNA

<400> 10
 cccggtaaac agatgagtat tgatgccgat ttgaag 36

<210> 11
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> experimental model for verifying assay system: Synthetic
 control DNA used to detect thrombin activity

<400> 11
 attgtacttg gactgtgcat tagcatgtta cagtca 36